

### Insulin adsorption on different Transfersomes

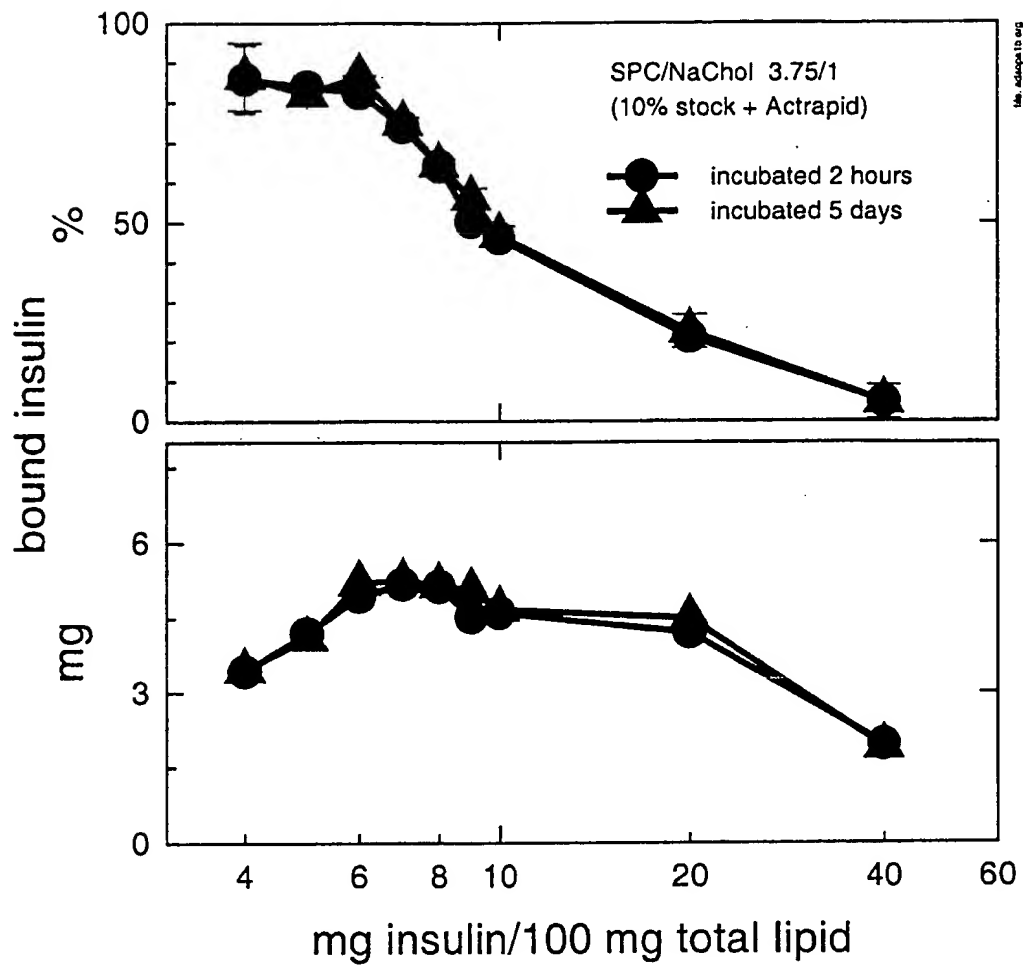


Fig. 1

e.g. examples 1-27, A

# Insulin adsorption on Transfersomes C

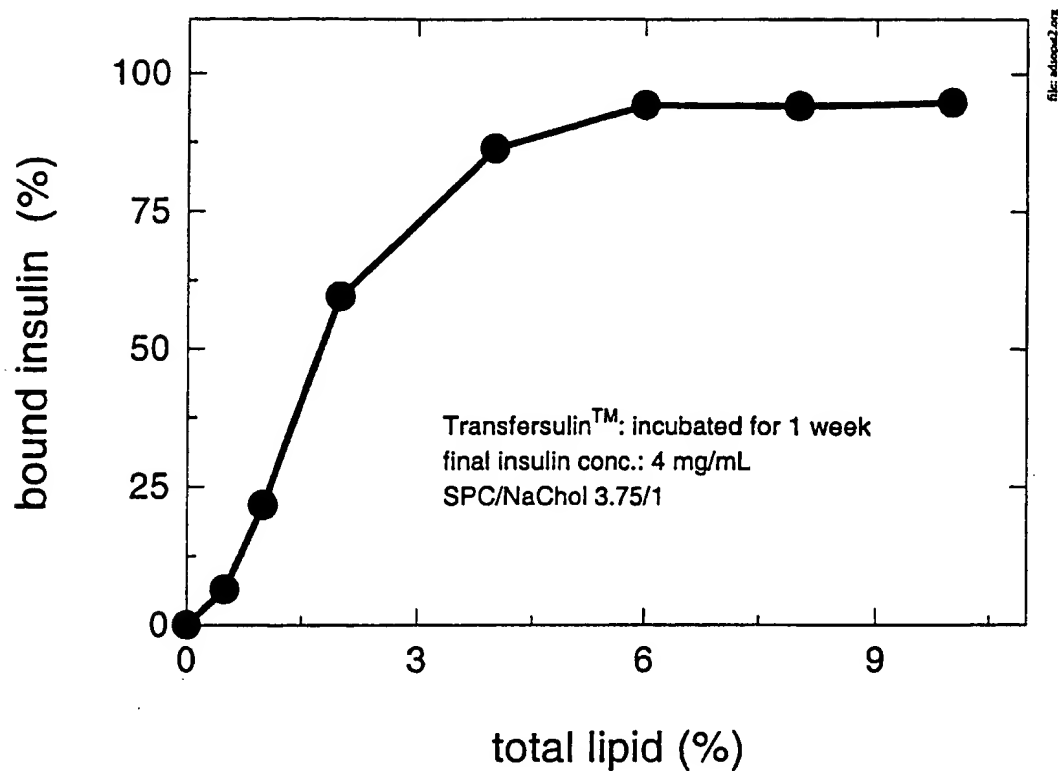


Fig. 2

e.g. examples 1-27, B

### Insulin adsorption on different Transfersomes

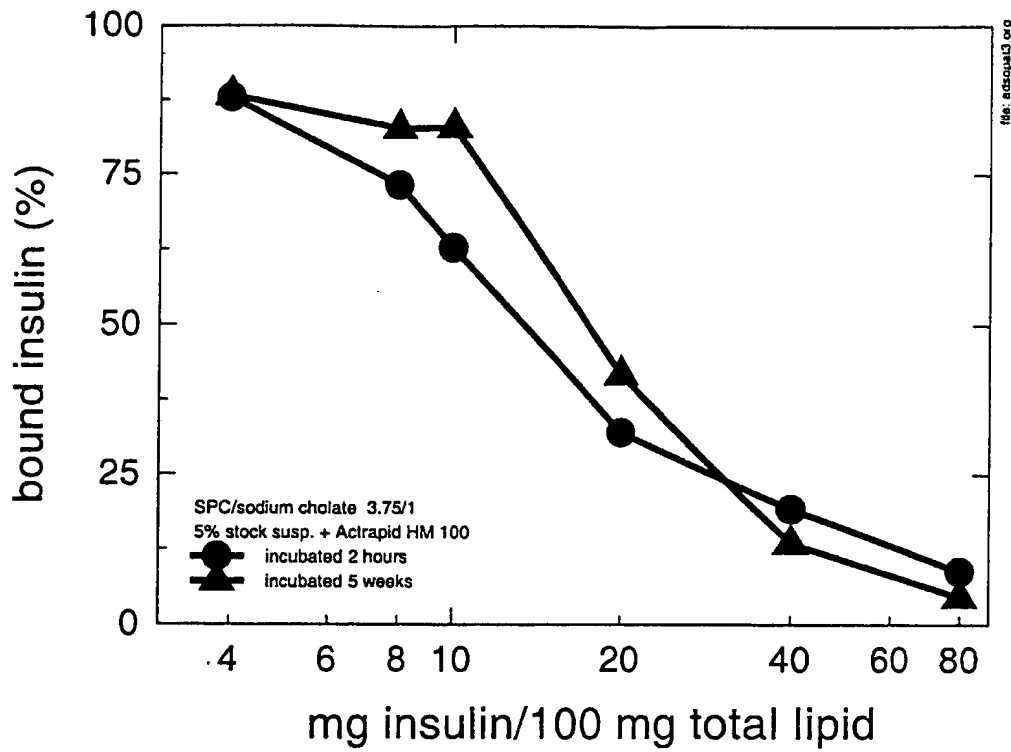


Fig. 3

e.g example 1-27, C

# Insulin adsorption on different Transfersomes

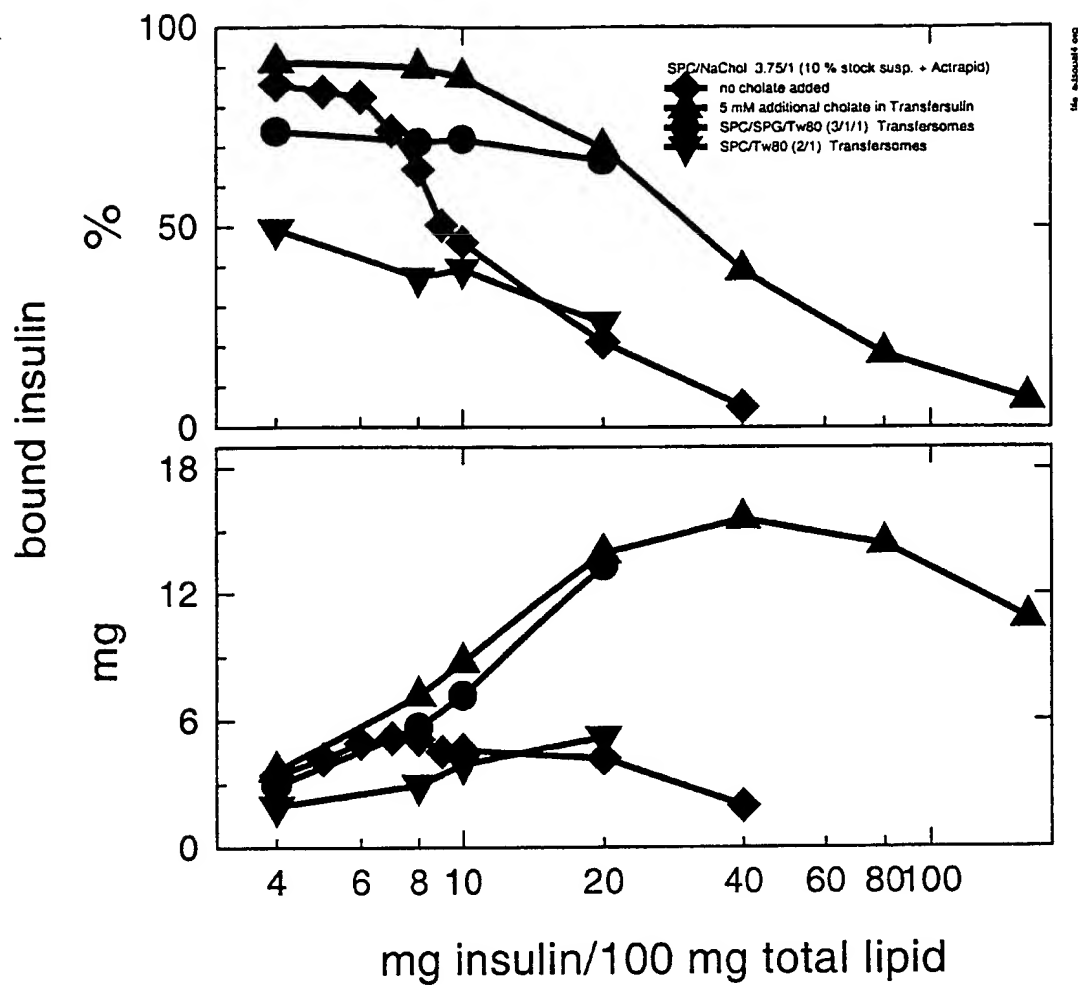


Fig. 4

e.g example 46-59

# Insulin adsorption to different Transfersomes

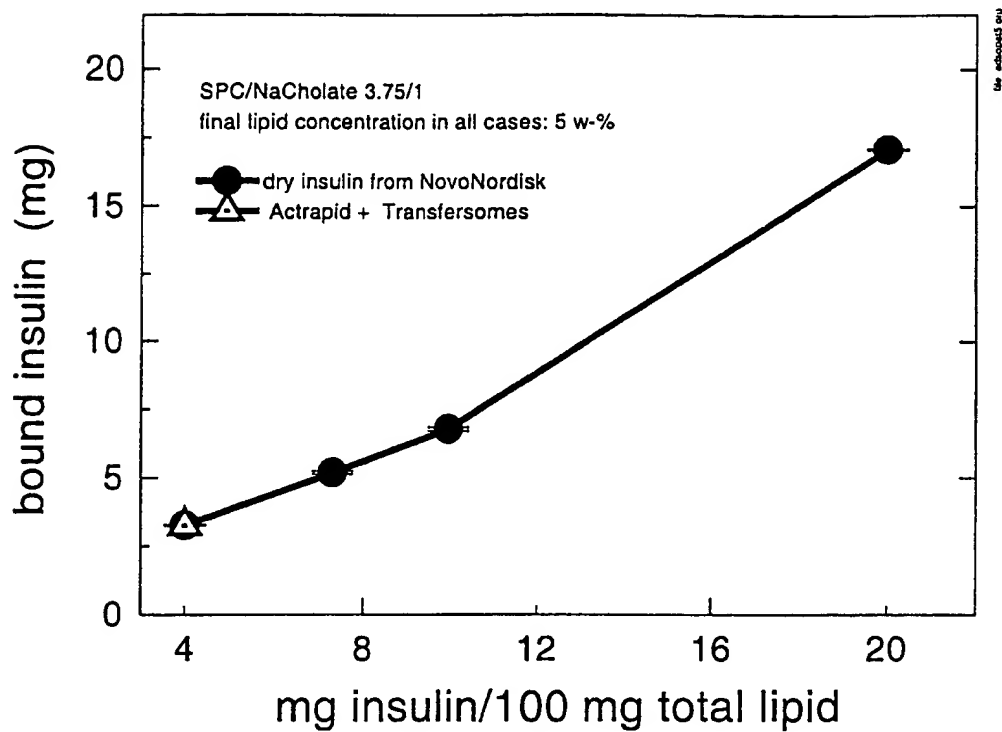


Fig. 5

examples 72-76

# Insulin adsorption on different Transf rsomes

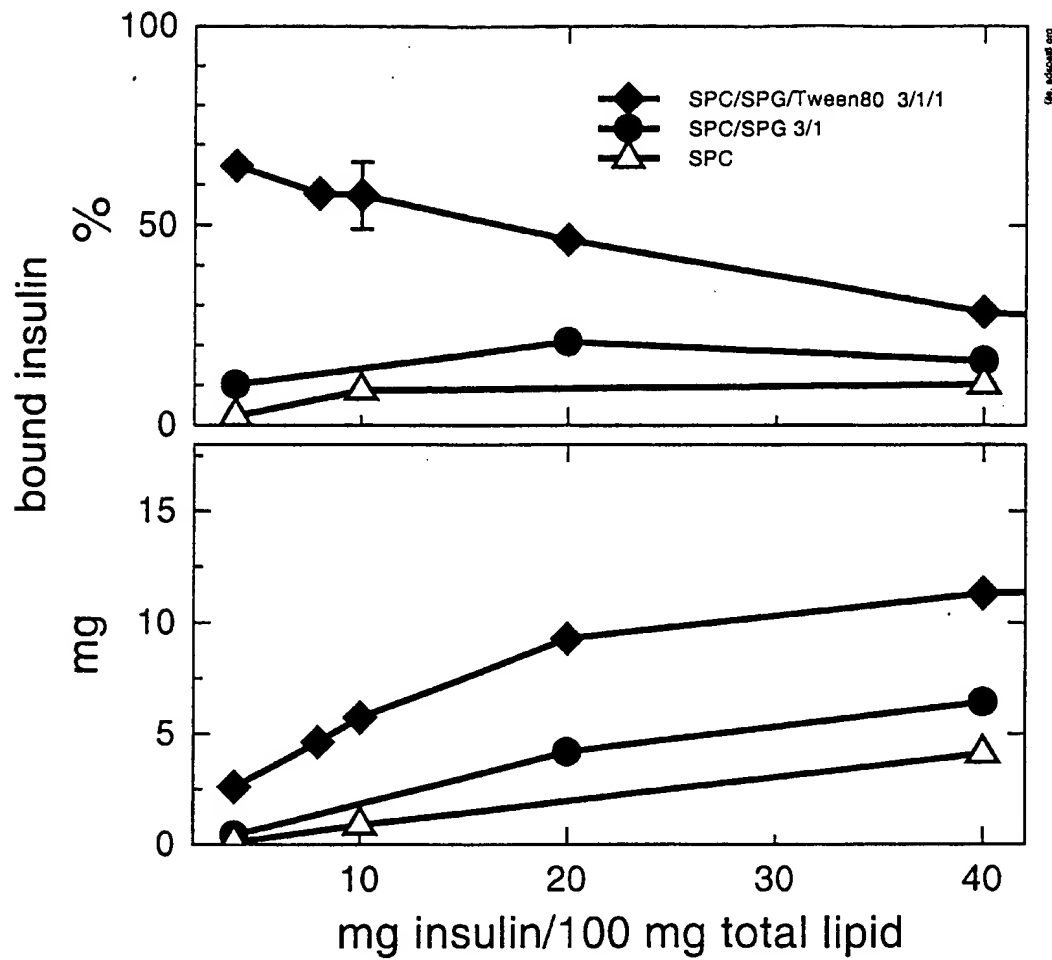


Fig. 6

example 77-92

Transfersomes comprising  
SPC+SPG/Tween = L/D = 2/1

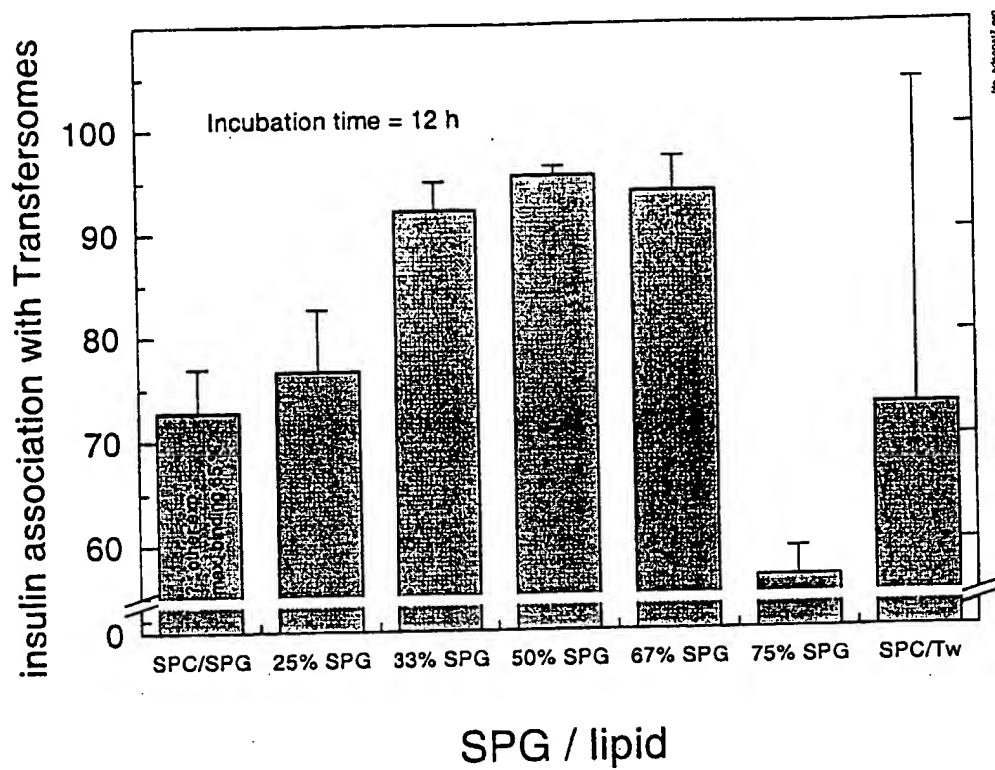


Fig. 7

examples 96-98

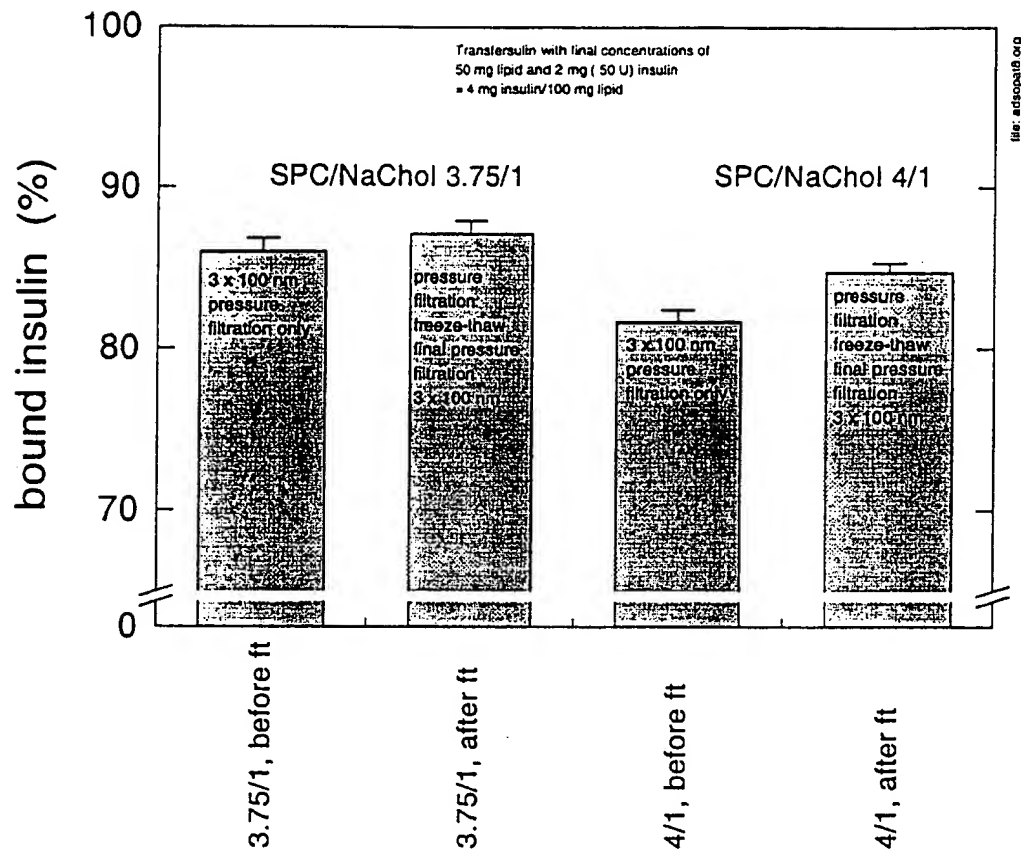
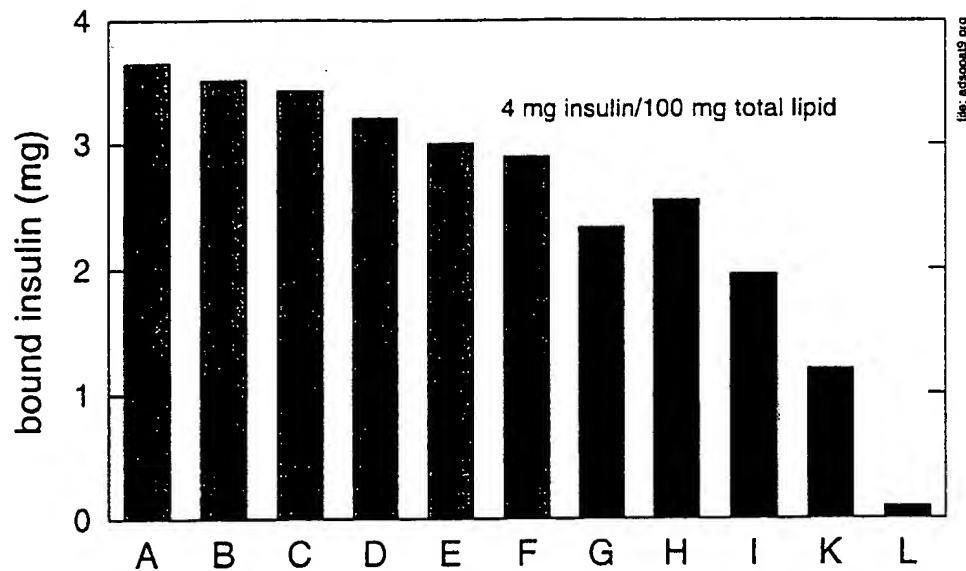
Insulin association with  
Transfersomes C

Fig. 8

examples 99-100



## insulin association with Transfersomes™



- A: SPC/NaCholate in cholate buffer + Actrapid™  
 B: SPC/NaCholate, 5 % + Actrapid  
 C: SPC/NaCholate, 10 % + Actrapid  
 D: SPC/SPG/Tween80 (3/1/1) + Actrapid  
 E: SPC/NaCholate + lyophilized human insulin in buffer  
 F: SPC/NaCholate + Velasulin (porcine insulin)  
 G: SPC/Tween 80 (2/1) + Actrapid, incubated for 5 weeks  
 H: SPC/Tween 80 (2/1) + Actrapid, incubated for 4 days  
 I: SPC/Tween 80 (2/1) + Actrapid, incubated for 3 hours  
 K: SPC/Tween 80 (2/1) + Actrapid, incubated for 2 hours  
 L: SPC (liposomes), 10 % stock susp.

Fig. 9

selected, representative, results

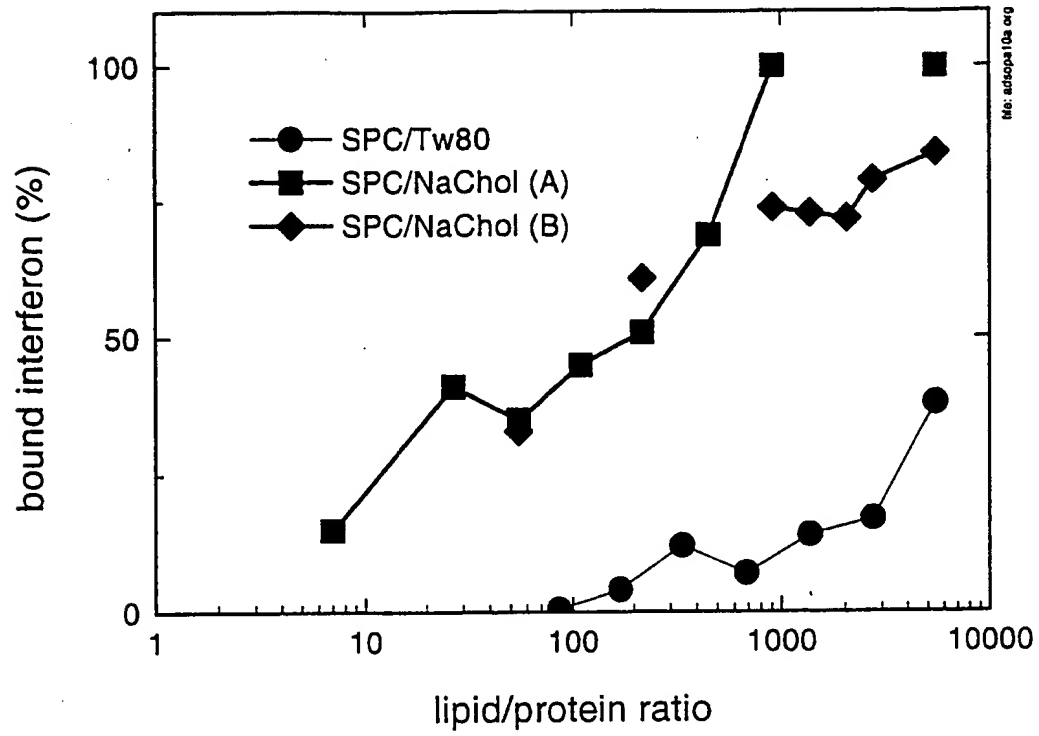


Figure 10

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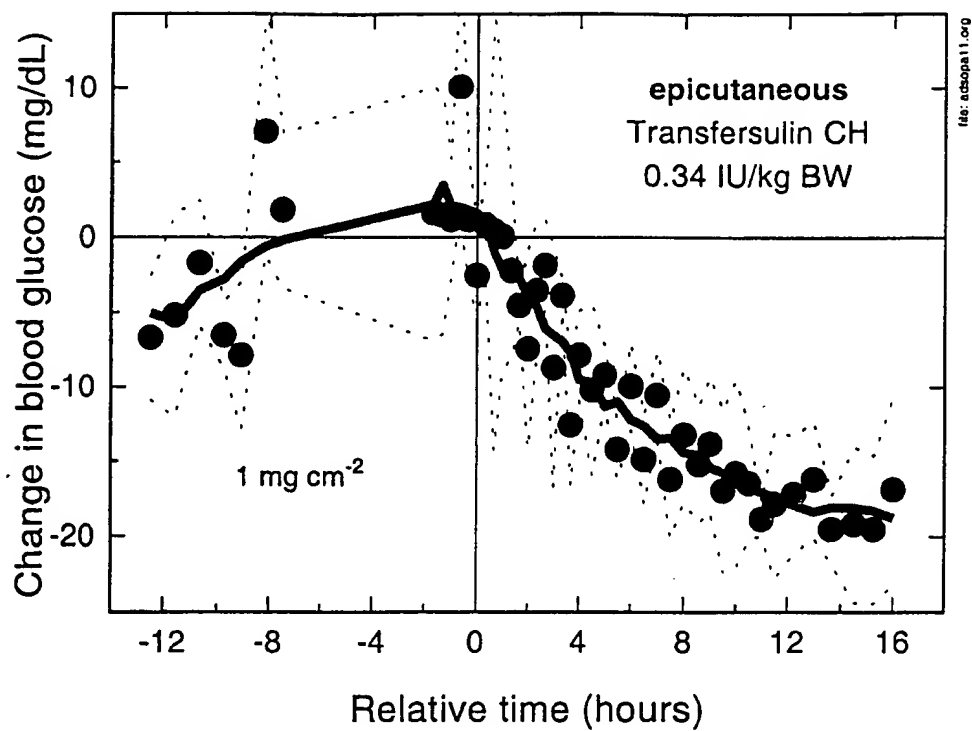


Figure 11

epicutaneous  
Transfersulin C, 40 IU

Insulin batch effect

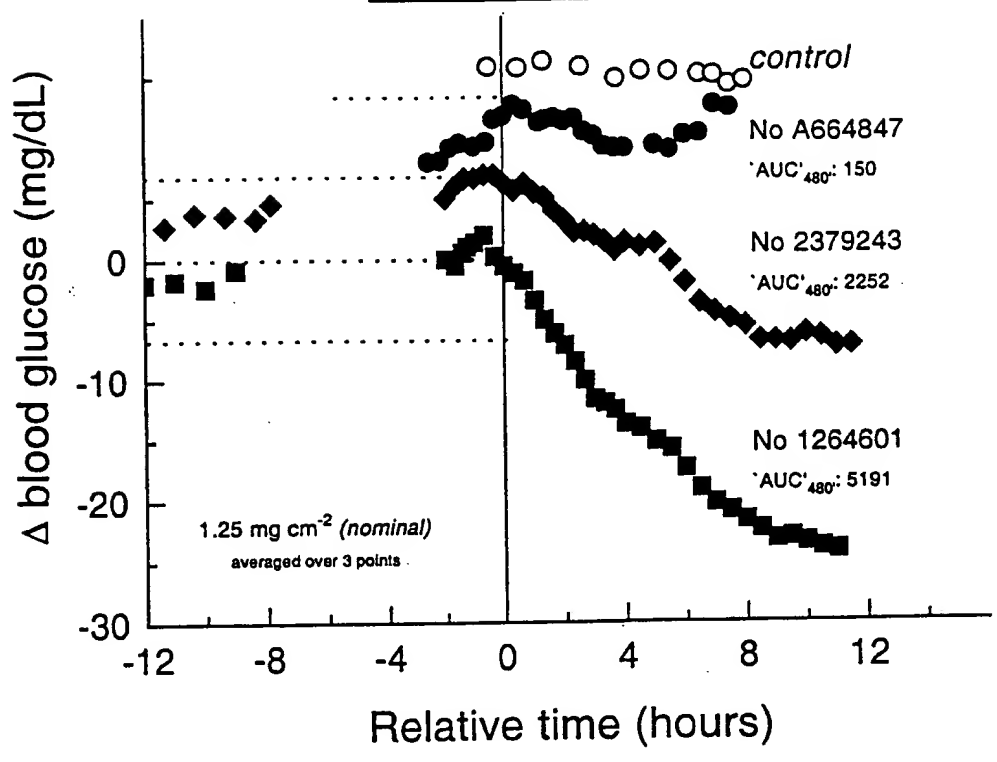


Figure 12